PROCESS AND DEVICE FOR THE COMPRESSION OF PORTIONS OF IMAGES

ABSTRACT

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The process of compression of a block (310) of a size L x H of a sequence of images comprises, in a repetitive manner, for said block:

- a search step (240), in one of the images of the

10 sequence of images, for the zone L x H pixels the most similar to said block;

- a step of determining (245) whether the resemblance between said zone and said block responds to predetermined criteria;

15 - if said resemblance responds to said criteria, a step of storing (255) the motion vector which indicates the distance between the block and the most similar zone found;

- if said resemblance does not respond to said criteria, and if the block does not have a predetermined

20 minimum size, a step of cutting out (280, 281) said block into sub-blocks (320, 330, 340, 350) and a supplemental repetition, for each of said sub-blocks, and

- if said resemblance does not respond to said criteria, and if the block has a predetermined minimum

25 size, a step of storing (266) the block in the course of which the block is compressed without reference to a reference image.

Figure for the abstract: Figure 2.

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